

FABRICATED BIOFILM STORAGE DEVICE

ABSTRACT OF THE DISCLOSURE

The present invention includes a method and composition of storing and preserving biofilms for input and output of high-density information. One form of the present invention is a fabricated biofilm storage device with a biologic material applied to a substrate to form, e.g., a dry thin film stable at room temperature for extended periods of time. Another form of the present invention is a method of fabricating a biofilm storage device in which a biologic material is applied to a substrate under conditions that promote alignment of the biologic material on the substrate. The composition, method, and kit of the present invention have universal application in biologics, magnetics, optics and microelectronics.